

FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

124048-1

SERIAL NO.

10/063,603

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

Applicant

Guanzhong (nmn) Gao et al.

Filing Date

May 3, 2002

Group

3644

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER
INITIAL

DOCUMENT NUMBER

DATE

NAME

CLASS

SUBCLASS

FILING DATE
IF APPROPRIATE

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AA

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Scott

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

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COUNTRY

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TRANSLATION
YES No

R AL

0 4 0 7 1 7 9

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EP

R AM

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GB

AN

AO

AP

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

R AR

Scott, "Detection of Arcing Faults Using Bifurcated Wiring System", US 2001/0029433 A1,
October 11, 2001, pp. 1-9.

AS

AT

EXAMINER

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3/30/05

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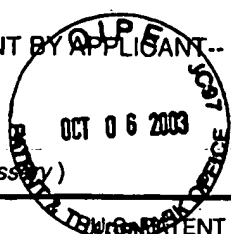
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PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	AA 6 2 9 7 6 4 5	10/02/01	Eriksson et al			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES No
✓	AL 0 4 2 4 5 9 8	03/27/96	EP			
	AM 0 7 4 0 1 5 9	10/30/96	EP			
	AN 1 1 7 4 9 7 4	01/23/02	EP			
	AO 0 1 5 5 7 4 0	01/26/01	WO			
✓	AP 0 1 4 2 8 0 2	06/14/01	WO			

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

✓	AR	US 2002/01863943, Dollar,, II, "MOTORIZED MACHINE ELECTRICAL SYSTEM ARC DETECTION APPARATUS AND METHODS", December 5, 2002.
✓	AS	Search Report under Section 17
	AT	

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OCT 09 2003

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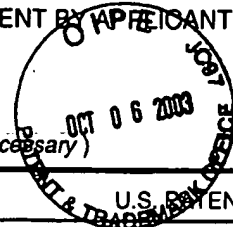
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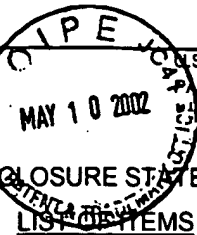
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Guanzhong (nmn) Gao et al.

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05/03/02

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TL	AA 5 7 6 7 6 8 4	06/16/98	Steennis			
	AB 5 8 5 4 5 5 6	12/29/98	Steenis et al.			
	AC 5 9 8 2 1 8 1	11/09/99	Rokunohe et al.			
	AD 6 0 7 8 1 8 0	06/20/00	Jenkinson			
	AE 6 1 9 2 3 1 7	02/20/01	Yazici et al.			
	AF 6 0 8 8 6 5 8	07/11/00	Yazici et al.			
	AG 5 9 9 1 1 3 7	11/23/99	Krahn et al.			
	AH 6 2 8 5 5 3 8	09/04/01	Krahn			
	AI 6 2 1 6 0 6 6	04/10/01	Goebel et al.			
	AJ 6 3 1 3 6 4 0	11/06/01	Nasrallah et al.			
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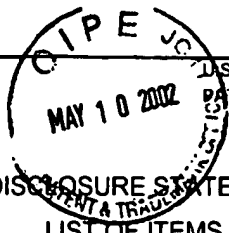
OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

TL	AR	AM Bruning and FJ Campbell, "Aging in Wire INSulation under Multifactor Stress", IEEE Transactions on Electrical Insulation, Vol. 28, No. 5, Oct. 1993, pp. 729-754.
TL	AS	C. Furse and R. Haupt, "Down to the Wire", IEEE Spectrum, Feb. 2001, pp. 36-39.
TL	AT	C. Hutton, CW Reed and JE Timperley, "Use of Spectral Analysis and Phase Resolved Partial Discharge Measurements for Generator Testing", Annual Report of IEEE-DEIS Conference on Electrical Insulation and Dielectric Phenomena, 1994, pp. 103-111.

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TL	BR	P. Bonissone and K. Goebel, "Soft Computing for Diagnostics in Equipment Service.", Artificial Intelligence for Engineering Design, Analysis and Manufacturing, Vol. 15 (4), Sept 2001, pp. 267-279.
TL	BS	M. Fenger, SR Campbell and G. Gao, "The Impact of Surge Voltage Rise Time on PD Inception Voltage in Random Wound Motors of Different Designs," IEEE Conference on Electrical Insulation and Dielectric Phenomena, 2001 Annual Report Conference, pp. 352-355.
TK	BT	G. Gao, M. Steinhauser and W. Chen, "Modern Testing Technology for Insulation System Development of Global VPIed Large Motors," International Conference on Properties and Applications of Dielectric Materials, Xi'an, China, 2000, pp. 961-966.

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						YES	No
	CL						
	CM						
	CN						
	CO						
	CP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

CR	CW Reed, SF Philip, HM Schneider and M. Kawai, "Partial Discharge Inception and Breakdown Studies on Model Sheet-Wound, Compressed-SF6 Gas Impregnated Polymer Film-Insulated Windings," 1980, pp. 1-9.
CS	K. Goebel, "Architecture and Design of a Diagnostic Information Fusion System," Artificial Intelligence for Engineering Design, Analysis and Manufacturing, November 28, 2000, pp. 335-338.
CT	CW Reed et al., "Evaluation of Advanced Technologies for Power Transformers. Final Report, Part 2, June 1, 1979-June 30, 1981, US Department of Energy Contract #EC-77-C-01-2134, June 1980.

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